

TABLE RUSLE C-1
"C" Values for EI Distribution Zone 112

Refers to Current Crop	Previous Crop										
	Small Grain				Row Crops					Hay	
	SP	FP	10%	30%	SP	FP	10%	30%	MA	SP	FP
Current Crop											
BEANS & W/C	.16 --	.22 --	-- --	-- --	.24 .21	.32 .27	-- --	-- --	-- --	.22 --	.2 --
GRAIN CORN	.24	.31	.13	.09	.20	.26	.13	.08	.15	.12	.20
SILAGE CORN & W/C	.30 .27	-- --	.23 --	.21 --	.31 .24	.34 --	.21 .18	.18 --	.24 --	.16 --	.17 --
POTATOES & W/C	.33 .28	.28 --	.32 --	.20 --	.40 .30	.41 --	.32 --	.20 --	-- --	.14 .15	.21 .19

1. Average annual "C" values or rotations are determined by adding individual "C" values and dividing by number of years in rotation. For example: The average annual "C" value for a rotation of potatoes, oats, underseeded with 10% cover left after planting potatoes is $.32 + .12 = .44 \div 2 = .2$
2. Manure assumes 2-3 ton/acre dry matter applied in spring

Corn Silage "intercropped" with ryegrass following	Small grain (following HRC)	.11	Mixed vegetables	.50 .52
Corn Silage .22	Small grain (s) (following HRC)	.06	Mixed vegetables with winter cover	.43 .37
	Small grain (following LRC)	.20	Early sweet corn residue mowed and left on surface after harvest	.18
Corn Silage "intercropped" with ryegrass following	Small grain (s) following LRC	.12	Late sweet corn residue mowed and left on surface after harvest	.18
corn silage intercropped with ryegrass .13	Broccoli	.34	Early sweet corn stalks left up after harvest	.18
	Broccoli (tillage after harvest 50% ground cover)	.37	Late sweet corn stalks left up after harvest	.24
Corn Silage "intercropped" with ryegrass following small grain .20			Early sweet corn with winter cover	.22
			Late sweet corn with winter cover	.24
Corn Silage "intercropped" with ryegrass following corn silage intercropped with ryegrass & with manure .10				
Corn Silage No-Till planted into winter cover .10				

Codes: (s) = Underseeded; W/C - Winter cover; 10% and 30% refer to % cover after planting, MA = Manure applied, HRC = High residue crop (grain corn, hay). LRC = Low residue crop (corn silage, potatoes). SP = Spring Plow, FP = Fall Plow.
 ("C" Developed with RUSLE SWCS DOS 1.04 5/94 Orono, Maine)

TABLE RUSLE C-1
"C" Values for EI Distribution Zone 113

Refers to Current Crop	Previous Crop										
	Small Grain				Row Crops					Hay	
	SP	FP	10%	30%	SP	FP	10%	30%	MA	SP	FP
Current Crop											
BEANS & W/C	.23 --	.28 --	-- --	-- --	.31 .28	.40 .32	-- --	-- --	-- --	.21 --	.26 --
GRAIN CORN	.21	.28	.15	.08	.18	.24	.10	.07	.13	.11	.18
SILAGE CORN & W/C	.30 .26	.33 --	.23 --	.12 --	.30 .24	.34 --	.21 .17	.17 --	.24 .16	.18 .18	.20 --
POTATOES & W/I	.36 .29	.29 --	.36 --	.20 --	.44 .31	.43 --	.36 --	-- --	-- --	.16 .17	.22 .20

1. Average annual "C" values or rotations are determined by adding individual "C" values and dividing by number of years in rotation. For example: The average annual "C" value for a rotation of potatoes, oats, underseeded with 10% cover left after planting potatoes is $.32 + .12 = .44 \div 2 = .22$.
2. Manure assumes 2-3 ton/acre dry matter applied in spring

Corn Silage "intercropped" with ryegrass following corn silage	.19	Small grain (following HRC)RR	.13	Mixed vegetables	.50
		Small grain (following HRC)	.09	Mixed vegetables with winter cover	.40
		Small grain(s) (following LRC)	.04		
Corn Silage "intercropped" with ryegrass following corn silage intercropped with rye grass	.12	Small grain (following LRC)RR	.18	Early sweet corn residue mowed and left on surface after harvest	.20
		Small grain (following LRC)	.15	Late sweet corn residue mowed and left on surface after harvest	.24
		Small grain(s) (following LRC)	.10	Early sweet corn stalks left up after harvest	.32
Corn Silage "intercropped" with ryegrass following small grain	.17	Broccoli	.29	Early sweet corn with winter cover	.18
		Broccoli (with tillage after harvest 50% ground cover)	.34	Late sweet corn with winter cover	.13
Corn Silage "intercropped" with ryegrass following Corn silage intercropped with ryegrass with manure	.09			Early sweet corn after sod	.11
				Late sweet corn after sod	.11
				Late sweet corn after sod win W/C	.10
				Early sweet corn after sod with W/C	.14
Corn Silage No-Till planted into winter cover	.11				

*Small grain assumes straw left and spring tillage unless indicated differently.
For beans following row crops it is assumed the row crop is a LRC.*

Codes: (s) = Underseeded; W/C - Winter cover; 10% and 30% refer to % cover after planting, MA = Manure applied, HRC = High residue crop (grain corn, hay). LRC = Low residue crop (corn silage, potatoes). SP = Spring Plow, FP = Fall Plow.
("C" Developed with RUSLE SWCS DOS 1.04 5/94 Orono, ME) Reviewed and revised by 1/95 by J. Cropper, NNTC

Table RUSLE C-2

GRASSLAND "C" EI DISTRIBUTION ZONE 112

Hayland "C" Factors Establishment year

--Previous crop (High Residue)	--Spring Seeding - SP	.17
	--Summer Seeding	.15
--Previous crop (Low Residue)	--Spring Seeding - SP	.20
	--Summer Seeding	.16

2nd year Legume .01

ESTABLISHED

Grass	> .005
Legume	.005

Pasture "C" Factors

5 % Bare Ground	.005
20% Bare Ground	.01
40% Bare Ground	.02

"C" Developed with RUSLE SWCS DOS 1.04, 5/94, Orono, Maine

Table RUSLE C-2

GRASSLAND "C" EI DISTRIBUTION ZONE 113

Hayland "C" Factors Establishment year

--Previous crop (High Residue)	--Spring Seeding - SP	.14
	--Summer Seeding	.14
--Previous crop (Low Residue)	--Spring Seeding - SP	.15
	--Summer Seeding	.15
--Second year of legume hay establishment		.01

ESTABLISHED

Grass	.005
Legume	.005

Pasture "C" Factors

5 % Bare Ground	.005
20% Bare Ground	.01
40% Bare Ground	.02

"C" DEVELOPED WITH RUSLE SWCS DOS 1.04, 5/94, ORONO, MAINE
REVIEWED AND REVISED 1/95 BY JAMES CROPPER, NNTC